

Response Dated April 8, 2009

Reply to Final Office Action January 14, 2009

Table 4.1.1 Product data for Maxis '97 trial material.

Sample	FI overall	Density	MI low Mwt (GPC)	FI high Mwt (Rheology)	Weight fraction high Mwt (Rheology)
May '97 targets					
HDX4505F	3.7 – 5.2	0.944 - 0.948	750 – 1750	0.30 – 0.60	0.63 – 0.66
HDX89 1	3.7 – 5.2	0.953 – 0.958			
May '97 Product					
HDX4505F – 3706	3.8	0.943	1300	0.42	0.60
HDX89 1 -- 3706	3.6	0.954			
HDX4505F -- 3714	4.8	0.946	1300	0.37	0.58
HDX89 1 – 3714	5.0	0.957			
Pilot Plant Prototype Samples					
160303D	4.6	0.947	1060	0.46	0.63
260720B	7.2	0.947	1260	0.62	0.63
260815C	4.3	0.944	3170	0.33	0.64
260815D	4.2	0.944	1760	0.59	0.65
261130E	5.0	0.947	2380	0.47	0.63
261202A	5.5	0.946	850	0.49	0.62

Note HDX 4505F is the reactor grade for Maxis PEIOO grade HDX891.